

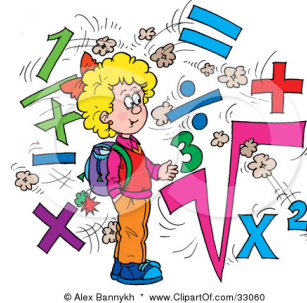
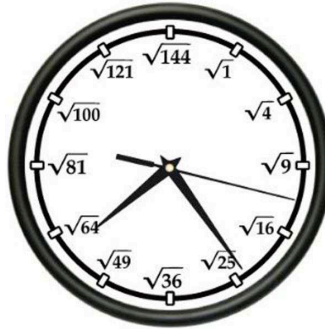
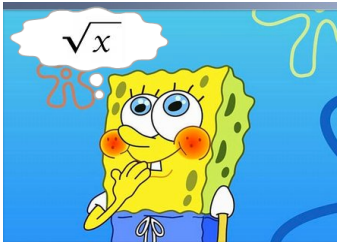
## Chapter 6 Square Roots & the Pythagorean Theorem

### 6.3b Cube Roots

Unit Question: How do we use signs and symbols to help us?

Learner Profile: Inquirer

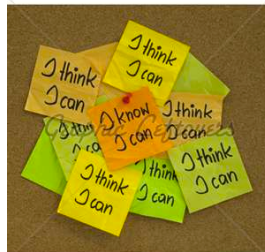
Area of Interaction: Human Ingenuity



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# I Can Statement:

I can understand and find cube roots and use the Pythagorean Theorem.



# Key Vocabulary



**Cube Root:** A number that when multiplied by itself, and then multiplied by itself, equals the given number.

**A Perfect Cube:** A number that can be written as the cube of an integer.

Symbol for cube root:  $\sqrt[3]{\quad}$

$$3^3 = 27$$

$$\sqrt[3]{27} = 3$$

Find the answers to the following, then share the answers with your neighbor. Calculators allowed!

$$1^3 = 1$$

$$6^3 = 216$$

$$2^3 = 8$$

$$7^3 = 343$$

$$3^3 = 27$$

$$8^3 = 512$$

$$4^3 = 64$$

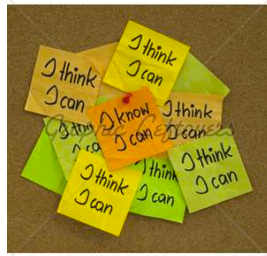
$$9^3 = 729$$

$$5^3 = 125$$

$$10^3 = 1000$$

# I Can Statement:

I can understand and find cube roots.



## Assignment (H):

Reflections

Workbook p128A

Due tomorrow at the  
beginning of class!!